

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/052962

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q A61K C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, WPI Data, PAJ, Sequence Search

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	BENNDORF RAINER ET AL: "HSP22, a new member of the small heat shock protein superfamily, interacts with mimic of phosphorylated HSP27 (3DHSP27)" JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 276, no. 29, 20 July 2001 (2001-07-20), pages 26753-26761, XP002325897 ISSN: 0021-9258 page 26754 - page 26755 ----- -/--	4

☒ Further documents are listed in the continuation of box C.

☐ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

2 May 2005

Date of mailing of the international search report

12/05/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>TIMMERMAN V ET AL: "Distal hereditary motor neuropathy type II (distal HMN type II): phenotype and molecular genetics." ANNALS OF THE NEW YORK ACADEMY OF SCIENCES. 14 SEP 1999, vol. 883, 14 September 1999 (1999-09-14), pages 60-64, XP008046160 ISSN: 0077-8923 the whole document</p>	1-11
T	<p>IROBI JOY ET AL: "Hot-spot residue in small heat-shock protein 22 causes distal motor neuropathy." NATURE GENETICS, vol. 36, no. 6, June 2004 (2004-06), pages 597-601, XP002325639 ISSN: 1061-4036 the whole document</p>	1-11